

# PATENT ABSTRACTS OF JAPAN

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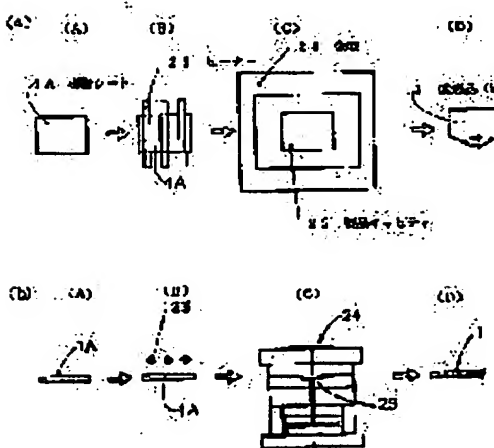
(22)Date of filing : 13.01.2000 (72)Inventor : WATANABE SHUNICHI

## (54) METHOD FOR MANUFACTURING LIGHT GUIDE PLATE

### (57)Abstract:

PROBLEM TO BE SOLVED: To facilitate production of a thin-walled product and multi-cavity production and to realize a low cost product.

SOLUTION: In a method for manufacturing a light guide plate comprising a transparent plastic member, an almost strip-like resin sheet 1A is preheated by a heater 23 to be inserted in the product cavity 25, provided in the mold 24 of a resin molding machine, in a softened state and subjected to compression molding for a predetermined time and a cooled and solidified molded article is discharged to manufacture a light guide plate 1 having a



desired shape. By arranging a large number of product cavities in one mold, a large number of the light guide plates can be molded at the same time. The production of a thin-walled product becoming a problem heretofore in injection molding can be stably performed. Secondary processing such as gate cutting becomes unnecessary and multi-cavity production becomes easy to enable the reduction of product cost. This method can correspond to the thickness reduction of a product.

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